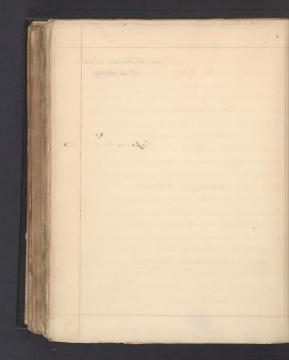
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An Epay

On Fetanus

by Paped Mant 14 1825

Bundolph S. Stubbs

of

Richmond Virginia

On Vetanius

Never, our surrounded by dungers, which he can set forese, down his existence continually thereatened with a thousand present of destructions his coupling acted foresers is foreser subject to verifient, and changes, which appear him to a parity of mother discusses. Is it not than to be wished, that the

greated allution be directed bowards the second of personaling & relieving the baneful offerto resulting four such care seed

Of all the discuss to which promotion on bubby were property protes attending or some format interesting or some format that we have ment they not found to discuss in the discuss of somether that and of them of format or week to be without by without or and of format or well of format or operating that the additional terms or abundanced to sentence promy that when telums is abundanced to sentence, the pretirect some disast characteristic for a damping for manking by their discussive which by

markett, without the wat of thing & from

the continite, was considered as beyond the procures of sucdicine, has been, by more modern practitioners, combated with much greater success. Fetures is most usually defined by medical writers, to be, a violent & spasmodie contraction of the muscles of the body of particularly those destined to perform robuntary, motions. This dissuse is observed to occur much more prequently in warmy than in the cold sursons of the year's & more frequently in warm climated than those of a mild temperature. Persons live ing in low decomp situations, we particularly liable to it, when exposed to any of its exciting courses. It may howevery prevail in all countries and situationogh at any season of the year. When occurring in warm elimenter, & in the warmest rea sons of the temperate directing it is said to be much more violenty & more forguently futal. Thus, to the unhabitabits of the Torrich zone of purticularly those of the Allest Indies y telances proves a most

durming & destructive complaint.

This discuse is mentioned by authors to arise from a variety of courses; such my sudden vicipitades of but & cold; exposure to a cold humid stenogher particularly when the body is at rest; exposure to marsh micismator. It is also brought on, by lacerated quishot & punctured wounds; by continual irritation being kept up in the prime vice, by means of womens or hard indigestable substances; by great constipution of the bowels; by exhaustion from wer vartion; & by the action of powerful stimuli spon the stomach. Cold & moisture contribute much to its development. Barron Larrey, in the compaign of the French army in Egypt, observed that the dissuss was not often caused by wounds, unly the temperature of the atmosphere paped suddenly from me extreme to the other. The wounded who were exposed to the cold moist wir of the nights, were more obnoxious to telcines; especially, in the spring, whom the northwest winds prevailed. On the

enterpythe discussed seldons of preventy when the team yeaton of the atmosphere was namely regular & home to be important which this about of temperature was a prediposing cause of tetaries.

Their clearness has been desirated by some authors in the live resirably the elespecther & symptomatic at a vessel to be designether, when it are its from some measures & organistic returned from some measures & organization at committee from some investigation of the body fore during great resource irrelation, when he investigated meaning obtained, covered to the properties of the symptom production procedures of the symptom production procedures to the symptom production of the symptom production of the symptom products to be something by the products of wounder, it is said to be much producted by wounder, it is said to be much producted by wounder, their solvents of the march, producted by around gift is said to be

Setance sometimes corres on endeduly & Marke the impolariate person with all of the distribution of information or few hours; but it generally and varies and more gradually. It first, the



patient feels some dayper of lapitude yfollowed: by our unaway stiffings of the muscles on the ouck part of the nack, which increases quederally, & becomes painful & troublesome, when way motion of the head is attempted of As there, ormptons adverne q'he experiences a disagreeable sensation about the root of the tongue; the motion of the juin bocours painfiel of there is considerable difficulty in swallowing. His god longthy feels " sudden & acute pain about the deschiculus cordis, which ealands towards the spine; the specses & rigidity of the sunseles on the week besome , suone sewere ; & the head is usually thrown one kewards. The muscles of the lower jourgehich were jud fire jouly stiff & painful year now more; violently affected; I owing to the great inequality of strongth: between the elevators & deprejain of the jaw, the tack are, so closely set together, that, with the greatest exertion, an opening com not be obtained, sufficiently wide , to admit a:



mall spoon into the mouth. As diglutition is printely & attended , with our increase of the spanner the partious refuses to take any nourishment. Thus, the disease indowners, affecting by degrees, the different parts of the system. From the muscles shout the nach a face a the spasms extends to those of the back & abdonien, then to the inferiory I lastly to the surprise extramities. In the course of the disaces of the abdominal muscles was drawn ineverdes, so us to impede, the notion of the disphrague during insperation, & the abdomen remains feet, touse, & surjecteding. Nech is the situation of the portions, cluring the time of the spanners which gafter awhite, somewhat retaxit afford some occasional suse : But this truce is of whole durcition; for some the spasses returne with increased violence of an aggravation of all the symptomes. Every muscular fibre sub serviced to voluntary, motion, becomes affected; the spaceson & rigidity of the muscles of the fuce



increases; producing great distotion of counte nance , & con empore forious of the most meleurcholy distrops. The pour in the spigastice region perturns more frequently, & with greater veverity; the pulse becomes quick & irregular; the eyes languid & suffered; the bounds are constituted yearend be easily opened. The unfortunate partient is now reduced to the most deplorable conditions I rather wishes to die, than to live in such exerciating torture & for he is as it were in a) continual rack; the body being rigidly extended, I forming one straight, & inflexible piece; the opensus secureal, suspended for a moment, becoming more, severe 34 continuing longer, me every succeeding attack. Finally one continued convertsion terminates the life. I sufferings of the truly wretched individual. This terrible discouse i most usually terminates

about The fourth or fifthe day from its first ultack. It is exchour alterded with fever, or



wierener; the patient, generally preserving the free exercise of his intellectual faculties, through. out the , whole course of the disease: nor are the natural functions of the system materially deranged. Sometimes, from the unequal con truction of the muscles, the body is thrown into different, & highly paringul postures. These un natural positions are called, emprosthiotonos or opisthotonos, according as, one set of muscles, under is stronger spasser their antagon isto, becomes more contracted; which gives a particular curvature to the body . This difference of postere grows deserved by Larray , to take place in transmotic totamers, according as, the differ end purits of the registeric were wounded. That illustrious writer observes: I remarked, both an Germany & Egypt, that when totames followed wounds of the surves of the centerior re your of the vody, it was of that kind called improsthetenov; & when the nerves of the posterior



regions were injured, operathetonos was the couse. quence. Again, if a limb were wounded , so that the injury of the autorior & posterior nerves were equal, emuplita tetemses was produced? Un the buthology of this discuss quattors home written nothing sectionalong. Though it has, ofwite gearing lesen trubely with weach greater sweets have formerly; its putholog, still entines to be inveloped in the gravitest obscurity. But by close. Ascroationers diligent attention to its various plas. momenting one may get refer to receive more nation luctory into meetion of a descense yes observe in its na Jure of no destruction in its ornorguences. On this subject, Richard observes, Gething is not obseure Than the true meters of Setunes; the relation of its phenomena with its courses; the severity of its symp. Somes; the inefficacy of the remedies; the contraction of the newsles; all, proceed from causes so obscure, that the resecurches of a crowd of observers , we not jet succeeded in throwing of the veel which obscuras it?



From what we can leave in the history of telaners, the pathology of the disease same to be intimately conmedical with the reservous system. Both Braid, in a paper "On the nature & tractment of Fatures," republish ed in the Ist Vols of the Medical recorder gas later boun and European Journal , supposes the disease : to is secreto, exclusively in the spinol occurat. And, intech, the vice instances winch evidently present themselves, throughout the course of the disoner, make this exceedingly probable. The arguments and dured by the writingin favour of this opinion, and which deserve perticular attention gave the bollowing: There are some unserior parts which read the efects of the disease for a considerable time of fall with the gen wal destruction, only lowards the futal pariod. These unescles may be divided, wito two classes; the one con prehends all the nurseular parts of the thoracie & abdan inul viscerce & the other will those which belong to the agains of any of the five senses. Thus it is observed that the natural functions we will ufferted; comeling



mustines occurs, but generally does not continue It is usual enough for the appeliting hunger to remain, through the whole course of the discuses & what food happens to be taken down, seems to be regularly di gested ; the wine is regularly occreted , although sometimes restrained, I is voided with difficulty and pain. When the speasurs are violent, the pulse is contracted, hearical & irrequebury but the respiration is effected in like mountary & during the remission the pulsa prespiration assally return to their natural date . With respect to the second clufs, we observe that the longure reduces its mobility for a considerable time; the were also, do not become affected fill long after the low a extraorities; & oven when the muscles belonging to there are affected with speasing, those alone escape ; which more the fingers, I there often polacin their mobil ity to the last. The houd also in this disease yes seldow aprelock with delivering or even confusion of thoughty lill the last stage of it, whom, by the represted shocks of a violent distomporgeoury function of the system is greatly



disordered. By reflecting on these phenomena of the disease, we are led to observe, that the thoracie & abdominol viscera we not primarily offerted; & that the disease count take its rise from the nervous substances supplying these organs; for were it so, these viscora must imme dictely tooks, on diseased, relion . Hence it must be conduded, that the gangleolie system is not the real of the diseuse. The summe argument is applicable to the corolined system geowerprohending the intellectual powers, & the five senses. There are circumstances which even show, that these, systems have rother a tendency to oppose this discovery threat participate in its effects: their eve observe , that the longer quick is the principal organ of lasty retains its powers of free motion qualit the excebral system becomes of feeled. Mong we know that the gustalong news is " over who of the fifth pour , which property islong to the consoral system , while the winth species are ucknowledged to be those which supply the runsenter parts of that organ, & are found to wrise from the



inferior part of the corpora paramidaling to go out of the shall by their proper holes in the occipital bone . We also been y that the principal organs of louch are the hands which are placed in the exper extremities. The nerves of touch should theregin this situation, oppose the ofjuts of the diseases, which we find to be the case, as I observed before that the upper extremities remained xiong time exempt from sparsing & had the fingers often entinue so to the end" Socto Reich having thus replained how there two systems do not appear to be the secut of the disease, readily siefers that it remains altogether in the other ogstem or that of the spinal ca wal. He again somurks, that, the only parts of the body which are enguged in the disease from the commencement; our those constituted & muscles; but apon depoction , there is not the weightest injury to be discover ad in the stricture. How we know that the neweg which are distributed to trone parts, I are the proper stemulants to muscular action in the living body, all lake their origin from the nervous system of the opine.



It is natural therefore to conclude that, is we cannot discover in examination after diethy any mobil change in the pourts, which are cirted on to the diseaseque should report to meet with some change in the party, which afford the stornelus to museular actions; house the disease must a scated in the nervous system of the spine? From the morbid appearances in dijustions of the spinal unalyster Raid was further induced to believe, that the discuse was of our inflormatory neiture, & that its prin ripal sacet was in the nambrones, which invested the spinal marrows on the examination of the bodies of persons dying I belowers, the viscera of the abdomen & thoux time most usually whilited . wateral appear and ; nor could there be foured, my morbid uppearan engine any part of the mineralar structure of the body. In bruin expreas healthy in congrespect, except, oreasionally some tille inexease of vascularity in ito meninger. It is a singular fact soys darrey that he arein is not disordered when the news, & particularly those of animal life , are extensively injured?



In the transment of tetaning a variety of remedies howard different times, been recommended ; such as, opium, purgesticito, mescury, temperatine, warm & cold in thing, & the various intispasmodies. Each of these in their turnghave bad their ortaries; I each have been used, seemingly with success. Heaving never with report the treaturent of this disease importly I can on nothing coming within my own knowledge. But I I may be permitted to judges from the attentive pe rusul of the records of numerous cuses; opium & purgalives expreses to be the remedies, mostly to be relied upon; & which have been used with the most decides & ratispicton results. In ecises where other remedies have been employed, & to which the care has been uttailented, these, medicines have pever been wholly ometed: I while the greatest precise is lavished on others, the beneficial effects of these gare proposed by sumoticed. Indeed , when a variety of remedies we employed at the same time get becomes very difficult to determine accurately, the extent disturne



which cook how exerted over the animal worrows . Sects Parrisgin his say that Thurmacologiagremarks, It is wident that the following, to which our observations & experience are liable quith respect to the officery of Hertain bodies, as remedies, must be needfacily much tiplied juher such bodies are exhibitedy in a state of muflicuted combination; since it must be always difficult, & often ingrapsible to ascertaing to which, the effects produced, ought to be attributed? Opium & sortharless verig so opposite in their evestions me the bowels, the one tending to construct the other to keep them lever, this course of heatment might at first seem somewhat puradoxical. But while the former restrains the respect prograps of the disacracy by proventing exhaustion from the visiones of the spassusz sufficient time is afforded for the more permenenty & beneficial action of the latter. In the comployment of opining thick great comforter of human misery, it has been opserved that the sus-

explibility of the ogstern to its actions in this disease,



i much diminished of that a done which suight prove ; fatal jie any other state of the system would somely liminish the speasures in teteurers, or show any our able effects on the animal comony. It is, therefore, required of that very large closes should be administer d, to produce the desired effect. We are neverezhow un, that after the stimulating action of opinion has poped off git is followed by a remarkable sedutine effect, which in persons not accustomed to its use, produces a great degree of dibility; however heromes of the utwork importances to use it with contino, & is altered porticularing to its influence on the ogstene Whenever the specious are completely subduedy the quantity should be gradually diminished; as a sudden expection of its employmenty might produces a return of the discuse. In the incipionit stage of thuces when the symptoms have been allevaled by the use of opium, Richarduck advises & a continue wee of the opining to prevent its recursive. He Horney that he once now the one favor of opining or * Mosographie Chirurgicale Vol 11



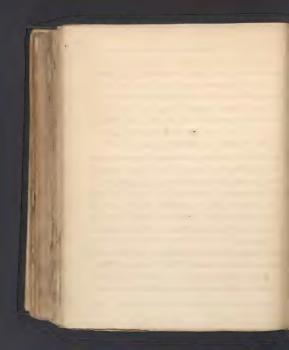
the wid of which, latomic sepasons of the jow had been happily combuted, followed by all the symptoms of tolumns, which adounced, with such rapidity; as to cause The death of the patient in twenty four bours. It is recommended by some author, in giving opining to combine with it, some other of the most mountful andispusmodies. Of these Mulph Ether, from its prompt welcon on the nervous exeteny same best adapted for this purpose By adminis tiving the opinion in form of linelers yeon joined with Elher, or the aucodgive rigion of Hoffening I am much external to believe, that its operation, would be great by apresticity rendered, much more oppositions, them when suplayed whome: The constipution, allend ing the discourse the four of increasing itymight be considered by someyors are obstacle to the employment of opinion. But, by the early & continued use of cathartic surdicines, any apprehension from the constiputing effects of the opiningwould be entirely obvioled. Of the leanspicial offects of cuthordie media



sines in tetorners Dacto Humilton how given most decided proofs, in the cases recorded by him. That distainguished weather of the work "On purgatives" thus burnes, These medicines have not been allogethen excluded from medical practice gin this disruse; but they howe, been exhibited, with a second way view only ; while Little , or no attention has been paid to their offect on the bowels; for in some in slavers, they appear to bowe been useful gevithout this affect having been so much as suspected or ac knowledged " Other outhorities, & particularly the writers on this disease in the West Indisophouse given umple testimony, in favour of the purgetive plan of treatment. No the greater attention paid to the whole of the bowels them formerly is greatly attribu sed, the lase infrequency of between in these islands. Joels Coldwell & thinks, theil if purgetives are use Jul in this disease get must be in cases resulting from internal pritation: such owers, as originate in the celimentury cancel. Her was at a lop to * Caldwells Cullan



discovery on wheel grounds their sitelity resteely in cases of the disease , arising from external injuries. When the allack does not occur for some line after the ve sulent, Dr Hamilton romarks, that decangement of the stormach, also occurring subsequent to the oreident, way be the occurre of the disease. Und Mer Othernolly in his valuable work, on the Brigin & treatment of local discusses, how setisfuctorily explained, that local irritation may desorder the dejestive organs. This disorder, he observes, by continuing & increasing the affection of the sonsorium, may possibly lead, to the production of totamus, at a time when the wound is no longer initable. In four eases of totainers, in which he enquired wito the state of the bowels, the evacuations from thom were not. like faces. Mer abernothy wished very much, to call the attention of practitioners, to the state of the bowels in this disease. Well the capacione says be which I have had, relative to the breatment of telanus, how convinced me, that more benefit



is obtained by correcting the error of the digestive or yours, thou by ung other meuns? Her records a case, showing the wonderful offects produced by this course of tracetiment. Or many who had been wound ad in the foot, was carried, about her days after the accident, to the Hospital. The speasure were so vio lent & generaly that it was scarcely expected he could be taken to his bed alive . The jaws were firmly cloudered, & the muscles of the back & abdomin rigid. Conversion actions come on frequently then all his limbs were violently affected. His bowels had not been relieved for many days. a powder, containing one grain of balowel & ten of Jalupy was given every four hours. It seemed also meefoury, to give spinneyto untigate the separano; but it was mices ed with are equal quentity of Calound. In twenty four hours, his bowels were freely purged. The wave alions were very unlike forces, & so extremely offensive, that the particules were unable to remain in the words From this time, however, there was a complote, subsidem



of the operations, so that we seem spiner was prejuded; 3, the particul recovered yes propertion as the digestion required. Their healthy functions of the digestion of the tries, when the seems properties by Murrither were

It is true, all the cases recorded by Humitton were of the idiopathia kind; but we are not entirely des. teles of proofs, in favour of purgatives, in the symp. tornatio disease. a case of this kind occurred to my proceptor, Doch Thomas Melson of Richmond V. 4. which was succeptually breated ofter the purgeties pear. The partient, a negro girl, about five years of age, received a wound on the heelyby a horse trivel ing on it. about three weeks after the accident, symptoms of tetamers appeared. The museles of the jow & buck of the week became touse ; sporsons of the extremities occurred, which caused them to be rigidly intended; & the mouth could only be opened, about hours an inchesturing the interval or the spasmes the complained of much pain, in the abdomen & back hurt of the neck; the longue was ness much fuszed; the bulse rother field good bequestion irregulars



the wound had were supplicated for shown may die position to brack. Sinctions of opinions of planter of builtion to again temperature of opinions of which personalized copinions discharges, of a way opposite matter. By this surcouns, the discharges, of a way oppositely substant, by this surcouns, the discharges, of a way oppositely substant, by the same of twices the society property reduced be that such as the surcepany also to state, that we were may be surcepany also to attack, that we were not of society of the contrary, it proclused injurious of society or the contrary, it proclused injurious of societies.

be the grant indiventing origing from the simultine come was of spinn & purguitines, we have closed undersection of the Newtonia accordance of the Newtonia chieves, and however of the Newtonia have received a compound from the public of hard received, a compound from the problem of the section of the first him well as the problem of the section of the well of the section of the received from the section of the received from the section of the received of the section of the received from the section of the received of the section of the received of the section of the received from the section of the



you the worth . How after the verefrion of these rounds toms, a dracher of the tireture of opium was admin island grobish produced a diminution of the paine in the necky the difficulty of wwallowing; I some recording of the muscles of the jaw. I powder son sisting of sia grs of culound & twenty of galap & seems money was likewise givengevery two hours Having to An time of these powders, several copious stools, of dark coloured & highly titled pasces, were discharged; which processed the portionst immediate reliefe The outhartic powders were represented requilarly every three or four hours, I a drachen of landamum contin well every two hours. Under this mode of tradement, the symptoms gradually subsided; I the policules worth was competitely restablished, Mrs Parkinson observed, that the amendment growth do remled whom ou severatity of alone discharges; that the putient. was aliverys veller, bu day on which the conther tie jundors were most effectuals. The hinds ofice was formed absolutely necespany to prevent a general emension



supposehich never failed to course on , when it was securiously smiled.

A case, somewhat similar to the preceding is se corded in the summe Not of the Medica Chirungical Jours actions, by Mer Harknofs, & which was treatment in a very similar manner. Prodizous quentities of the unadicines were required in this case justone the disease could be subdued. It was brought on by a wound on the side of the heard. about len days after the wound had healed, a dight regidity was felt in the jums, which gradually increased you that the patient was emuble to get more There a small thrift wite the months Her experienced a stiffuep or weight, in the exclider which became much swelled. The mose was also somewheat unrefiel & stiff; & over the whole bods he had a sousation of wearings. Oil length, a general rigidity I hardness come on, over the whole system, but partin durly of the necky buck, I abdomen; the latter being ex homely lease & ungielding. For some time there was a considerable difficulty of swallowing; but deglutition



was never wholis empeded to A very iderar use of the Quet opium was determined upongen this comply the with a carge quantity of culouse , conjoured with secun more, colognethy gover-bogs is the pastered was recommended at the occure since, to take plantifully of wine sporter. He averaged daily, one owner of the tiret opic, given. al intervals, without naving one, effect on the sensorium, or of producing pain in the hand, accordination of pulses or any disposition to sleep. Of the contientic sund cines, he averaged party gre of culonish, fifty our extreology with, & thirty right of gownbogen in the day. By this place of breatment gagruptours of amendment soon began to show themselves. The worth could be opened with facil. ites the lension of the neck, back, & abdonen, governay; 8, the portionets improvement was dowly to personnel. In huder of the abdone was the last symptoms, which went off; I votice it had slightly abuled, the mission of the cultivities were failed to increase it. In recommending purgetime medicines in spusmedie Minuses , Doch Humitton declined mentioning any pur-



ticular hind: The was at a loss to determine precisely, between those that act on the secultary thous their act more particularly on the larger intestines. The outhostin which have been most commonly used in the boulement of tetances, are colonely securing julupy gamboge. as the discuse requires also the war of opingshuburk from its not being restrained in its actionally the opining seems to proposes our advantage over men other medicines of this class. Proposor Chapmangin his work on There peches, a work which I shall ever read with the grantest delight, there observes, "Ahubark has this prentunity, that however combined with opining its operation on the bowels, is not at all restrained: I have got is invoilicable que casas, where a neespety for purging is conwieted with so much painges to demand the in surposition of operates?

the case of parency has been highly recommended, by some without on the breatment of the advances; his per trialarly described at attention. When employed in the provincing stige jet has been found ourself, might



in arresting its respect progress. That unfortunately, in most corses, when the discuss is for advanced, there is not sufficient time allowed, for the action of the ununny in the system before the fatul period . It is would that the most convenient & effectual mode of employing me way is that of priction, which is to be signously perseversed ing so as to produce an affection of the month, as specific as Hopsilie Barron Larry observed in Egypt, that Therewich frictions opposited to aggreente the discussion the cases, in which they were adoptet? but in this consitor in the West Sudies they hove been ouplayed, with considerable efficacy. Doch Reid goonsidering his discuss to be principally situated in the opinal and procommends blisters to be applied to the spine & to keep up the cretion of The bowels, by administering powerful cuttonties a course of transferent, somewhat semilar to this, has leave recently recommended & pursued gin this country dwo course are recorded give the third dol of the treed real Rocordergin which the carrotic alkali, applied



wer the corriecel vertebres, produced the happiert effects. In the with vol. of the medicochirusgical Transacting a case of trisines is recorded in which great relief was obtained, Eg un enema of the Ol. Furpenties. The extra ordinary effects produced of the temperating in this cause incluses me to give an extract from Ir Whillips associat of it. "On monday night fangt 20; I was requested, says In Phillips, to see Mije of, whom I found in strong & general consulsions; the juw was finals locked, the whole of the left side purulyties I what haightened the sufferings of the posticuty of mude her case proculiarly distroposiz, were the free quand and incurailing attempts to vorest, which you wally succeeded any aboten set of the speam, accome jameed with a strong convulsive offort, to force the ini telling matter through the mostriles. On this deplorable state, I requested she suight be put into is warm buthy & our enemo with sulph : magnesia & infusion of seene to be given . For jollowing , morning we were informed thick who fall much relieved, when in the bulky



The speasures were not so frequenty non so violent; & There was some metigation of the sickness. The elegater were quickly returned; & the bowels had not been re wined . The had an acute pain in the right side wear the region of the liver; on which past , who could not vere the slightest profoures Leaches were ordered to be expelical to the videgt a drangtet of magnition sula to be given every three hours, during the absenue of the sickness juntil a copious evacuation could be procured. 34 th, as the motion from the bowels was very inconsiderablega powder of culomel & secursus my was administered. In the evening she belowed under a convalsive paroxysing & I peroposed; that blood should be taken from the armywhich was increadioitely done; a drought with lift, drops of inendomenon was ordered to be given at bed time, In was un plaster to be applied to the stornach. 25th, the spasms were considerably diminished god there was a distrefoing return of the wicknesses not the elighbook reluxation of the jaw. Os the calonel and



sommung had processed but a scouty stool, I or dered the server forwarder to be repented. 26th the bow its had been very fally opened in the night of the spasons were less frequent I severe & there had been no return of sickness, since restording evening; which encouraged no to hope of that the disease had been partly subdued. This appearant ununderent showevery was but a pre Lude to a return of all the ograpiones, in their most aggrevated force. The abdonismal sunseles were particularly affected; the recesses of the fuer who partick of the general conflict; syncope came one I the pulse was weak, rupid, & intermitting; the sick. note returned , was about inexposint . I immediately desired that a elyster might be thrown up, with some some from a ogninge geomposed of half an owner of the cl: Imperative, rubbed down with the yolk of our egg, in eight owners of infusion of seunces The about fine minutes after the enounce was given we were zin in hurried mounter gocallad by Mis ors mother, to go cuto the bed room of to our great jog. &



comprises your formed the partient witting up in the bed, smiling itte jew was completely relaxed, & de jewith great comprenengthunked ses, for the great adverst instantamous relief afforded hor. There was a lotal subsidence of the discovery & its at Luding bud symptoms. 27th, she was churfuly unversed with the greatest case, In the morning, she had a copious stool of healther enforcement in which was a small worning I this was the first, that had been ever observed by her motheryduring her daughters life. I now became curious to leave some particulars of her feelings, during the operation of the conster. Il appears hab almost inmedicitely after il was given, she felt a flow of hick raccompanieds with a prickling vousationing first, in the culves of both less, pursuing the course of the spice up to the necky I efterwards to the wead & face; the room then appear sel it be suit of smoke is the jour instantly fell? No example of the effects of a remedy good to more decisive them this; for surely none could afford



unexprompt relief in any owner, than did the Olinschnikkenne, on the preceding. But might not the consert the discovery this russi, he attendent to intertwine within high up by the presence of the worms on the distriction of which yet he argenting instantinerous select was opported? The great name and present attempts at constraint justiceasting than any present attempts at constraint justiceasting the covery prists in great degreen instant to the could work Whether his same decided advantages would be obtained from the use of the tendinthinancy in the discover assists force the eases of the tendinthinancy in the discover assists force the eases of the tendinthinancy in the

In order to prevent the occurrence of between from wounds therectioning to produce the occurrence on exposition to exposition the exposition of the property of this becomes obvious, when it is considered that the training to the training to the training to the considered that in training the television, the training consolly a wretest of explanation of all friends or understilly discharge from the course. And friend when influment

surpriered in quickly succeeds in wound, that might be surpriered of inducing toburses, this discussion was rearly observed to take place. The application of country, or oil temperature to the mounded party have been found our effectual in producing the ser apour supportation, & preventing between . Epispoles of countwristing popular to transfer which the secretary events of eventual secretary is surprisedly when to drawful morney, which have been presided about a drawful morney, which have been presidently the contact of cold I covered aposphere, are libraries as in to prevent stames. When these application, ways have a secure of the part against the secretary of presentation, the exercise of presentation of the secretary of the secretary of presents the first against the secretary of the secretary of presents to the secretary of the secretary of presents to the secretary of the s